

Abstract of the Disclosure

An electrode wire with multi-coated layers for electrical discharge machining (EM) is capable of fast and precisely machining a work piece for a desired shape without changing the electrode wire, and a method of manufacturing the electrode wire is obtained by performing the steps of manufacturing a core wire, coating the core wire with zinc, drying the coated core wire, diffusion-heat treating of the coated core wire, drawing a product from the coated core wire, and stabilization treating of the coated core wire in order.